

In Re Patent Application of:
NELSON ET AL.
Serial No. 10/734,842
Filing Date: DECEMBER 12, 2003

In the Claims:

37. (Currently Amended) A method for making a coaxial cable jumper assembly comprising:

forming a jumper coaxial cable comprising an inner conductor, a dielectric layer surrounding said inner conductor, an outer conductor surrounding said dielectric layer, said outer conductor including an aluminum layer and a tin layer thereon;

~~forming a tin layer on an aluminum outer conductor of a jumper coaxial cable, the jumper coaxial cable further comprising an inner conductor and a dielectric layer between the inner and outer conductors; and~~

soldering at least one connector to the tin layer adjacent at least one respective end of the jumper coaxial cable.

38. (Original) A method according to Claim 37 wherein forming the tin layer comprises forming a tin alloy layer.

39. (Original) A method according to Claim 38 wherein forming the tin alloy layer comprises forming a tin/lead alloy layer.

40. (Original) A method according to Claim 37 wherein the outer conductor has a continuous, non-braided, tubular shape.

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41. (Original) A method according to Claim 37 wherein forming the tin layer comprises plating the tin layer.

42. (Original) A method according to Claim 41 wherein plating the tin layer comprises plating the tin layer to extend continuously along an entire length of the outer conductor.

43. (Original) A method according to Claim 41 wherein plating is performed in a plating bath.

44. (Original) A method according to Claim 41 wherein plating the tin layer comprises plating the tin layer on a radially-outer surface of the aluminum layer.

45. (Original) A method according to Claim 37 further comprising cutting the jumper coaxial cable to a desired length before soldering.

46. (Original) A method according to Claim 37 further comprising forming a jacket surrounding the outer conductor and stripping back a portion thereof prior to soldering.

47. (Original) A method according to Claim 37 wherein soldering comprises positioning a body of solder between the at least one connector and the outer conductor,

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and thereafter heating the body of solder to flow and join the at least one connector and outer conductor together.

48. (Original) A method according to Claim 47 wherein the heating is performed by induction heating.

49. (Original) A method according to Claim 37 wherein soldering comprises injecting melted solder between the at least one connector and the outer conductor to join the at least one connector and outer conductor together.

50. (Currently Amended) A method according to Claim 37 wherein soldering the at least one connector comprises soldering first and second connectors on respective first and second ends of the jumper coaxial cable.

51-59. (Canceled)